



PUBLIC NOTICE

File Number: NRS 15.153

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Bruce Richardson
City of LaVergne
5093 Murfreesboro Road
LaVergne, TN 37086
615-793-6295

LOCATION: Lower East Branch Hurricane Creek Interceptor Sewer, Bridgestone Parkway, LaVergne, TN (Lat:36.0029/Lon:-86.5981).

PROJECT DESCRIPTION: The applicant proposes to Replace the existing sewer interceptor line with approximately 4,000 linear feet of 24 inch gravity sewer line parallel to East Branch Hurricane Creek and reconnect the existing service lines. All work would be by open cut method (HDD may be used at the discretion of the contractor), in the dry, with blasting likely required for each crossing. Each crossing would be backfilled with flowable fill to close any fractures in the rock created by blasting including check dams at either side of the crossing. Trench dams (plugs) would be installed at regular intervals along the gravity sewer line to ensure that French draining does not occur. The original sewer line would be disconnected and capped off in place.

Impact 1: Latitude: 36.00500 Longitude: -86.603333
East Branch Hurricane Creek (TN05130203021_0100)
Install 24" main line gravity sewer crossing.

Impact 2: Latitude: 36.003333 Longitude: -86.601111
East Branch Hurricane Creek (TN05130203021_0100)
Install 4" sewer service line connector.

Impact 3: Latitude: 36.003333 Longitude: -86.600833
East Branch Hurricane Creek (TN05130203021_0100)
Install 4" sewer service line connector.

Impact 4: Latitude: 36.002778 Longitude: -86.598056

East Branch Hurricane Creek (TN05130203021_0100)

Install 8" sewer service line connector.

Impact 5: Latitude: 36.002222 Longitude: -86.595278

East Branch Hurricane Creek (TN05130203021_0100)

Install 1 1/4" sewer service line connector.

Impact 6: Latitude: 36.001389 Longitude: -86.595000

East Branch Hurricane Creek (TN05130203021_0100)

Install 4" sewer service line connector.

Impact 7: Latitude: 36.000833 Longitude: -86.595000

East Branch Hurricane Creek (TN05130203021_0100)

Install 4" sewer service line connector.

Impact 8: Latitude: 36.000278 Longitude: -86.595278

East Branch Hurricane Creek (TN05130203021_0100)

Install 4" sewer service line connector.

Impact 9: Latitude: 36.999722 Longitude: -86.595278

East Branch Hurricane Creek (TN05130203021_0100)

Install 24" main line gravity sewer crossing.

Impact 10: Latitude: 36.999722 Longitude: -86.595278

East Branch Hurricane Creek (TN05130203021_0100)

Install 15" main line gravity sewer crossing.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: WATERSHED / WATERBODY DESCRIPTION: East Branch Hurricane Creek (TN05130203021_0100) flows into the Hurricane creek, a tributary of Percy Priest Lake (Stones River). The Stones River Watershed is located in Middle Tennessee and includes parts of Cannon, Davidson, Rutherford and Wilson Counties. The Stones River Watershed is approximately 921 square miles and drains to the Cumberland River. For more information on this watershed please visit <http://tn.gov/environment/article/stones-river-watershed>.

East Branch Hurricane Creek (TN05130203021_0100) is in the Inner Nashville Basin ecoregion (71i). The channel dimensions are as follows: channel bottom width (20-25'), channel top width (35-40'), water depth (6-8'), and bank height (4-6'). Typical substrate in this section is comprised of bedrock, cobble and gravel.

East Branch Hurricane Creek (TN05130203021_0100) was assessed in 2014. It is supporting its designated uses. Therefore the stream is available for additional impacts to habitat.

Stream Name / ID #: East Branch Hurricane Creek (TN05130203021_0100)

Ecoregion: Inner Nashville Basin ecoregion (71i).

Stream Dimension: Channel bottom width 20-25'
Chanel top width 35-40'
Water depth 6-8"
Bank height 4-6'

Substrate: bedrock, cobble and gravel

Designated Use	Use Support
Fish and aquatic life	fully supporting
Recreation	fully supporting
Industrial water supply	fully supporting
Irrigation	fully supporting
Livestock watering & wildlife	fully supporting

Assessment Date: 2014

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

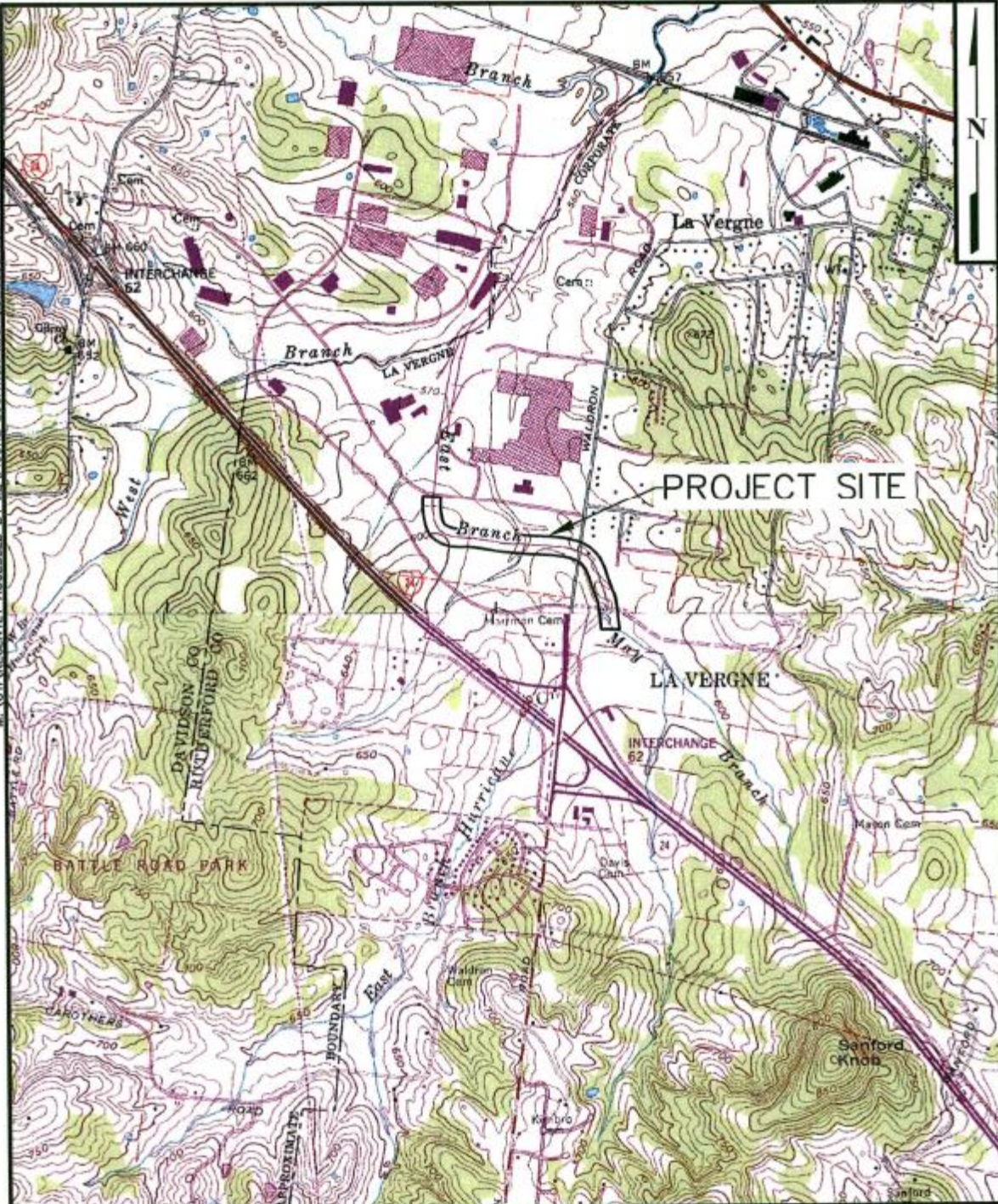
APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the

Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

M:\CTI\RECENTLY_ACCESSED BY ME\FIGURE LOCATION MAP (ID 439845).DWG, CTI, 03/27/2015 01:40 PM



SOURCE: LA VERGNE AND SMYRNA, TN
USGS QUADRANGLE MAPS

LOWER EAST HURRICANE CREEK
INTERCEPTOR SEWER REPLACEMENT

6.2 LOCATION MAP



CITY OF LA VERGNE,
TENNESSEE

N14002

**CITY OF LA VERGNE, TENNESSEE
LOWER EAST HURRICANE CREEK INTERCEPTOR SEWER**

6.3 PHOTOGRAPHS OF PROPOSED CREEK CROSSINGS



Photo 1

Crossing 1 - Looking East



Photo 2

Crossing 1 - Looking Upstream